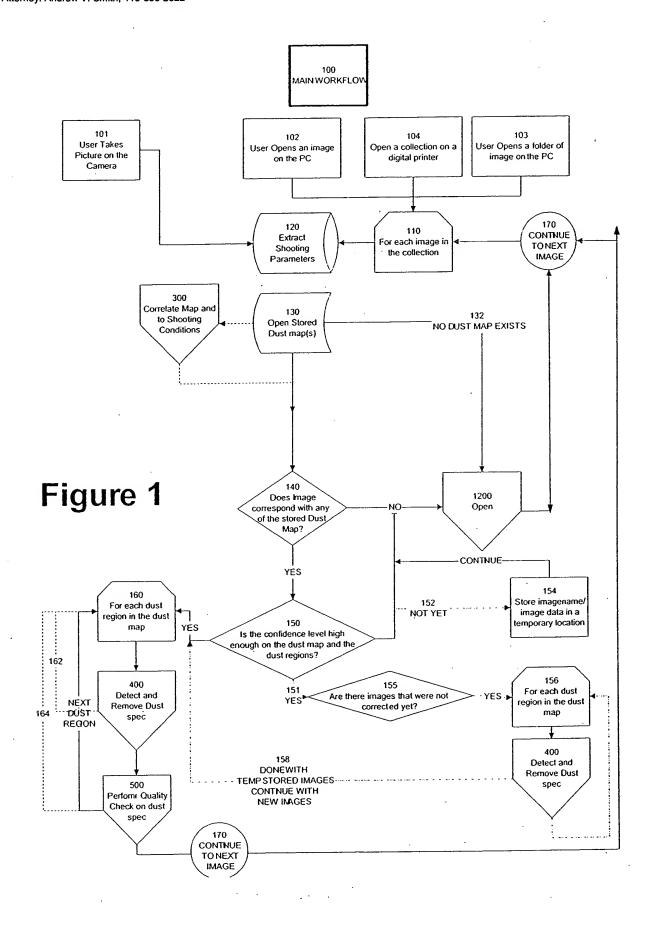
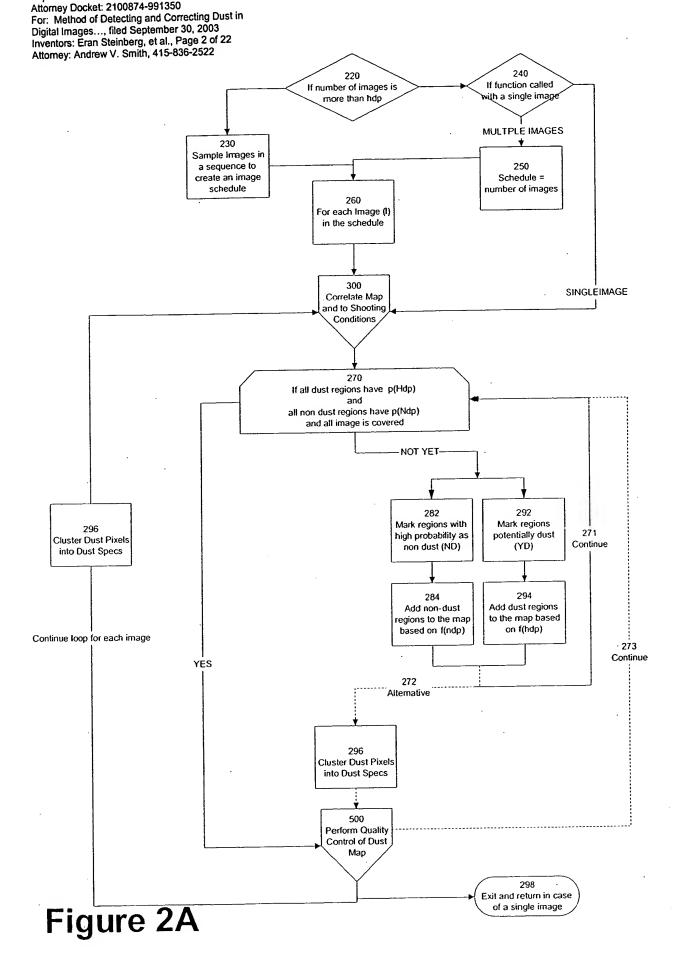
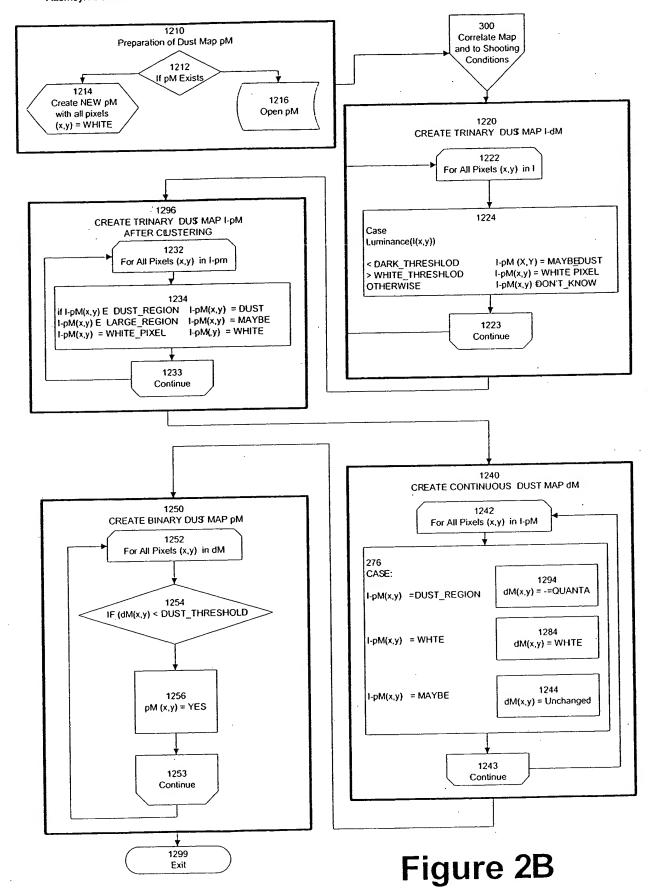
Attorney Docket: 2100874-991350

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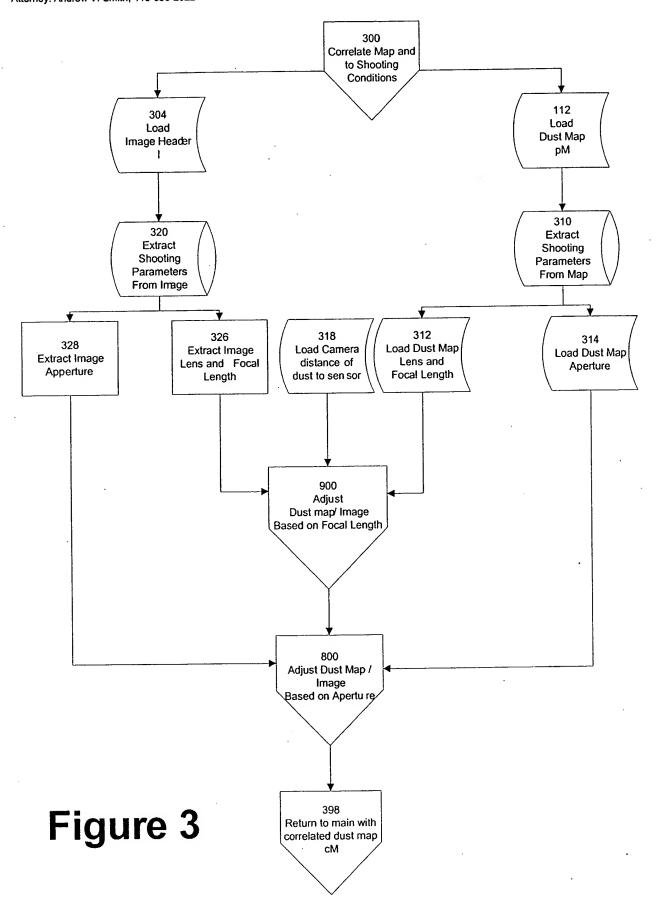




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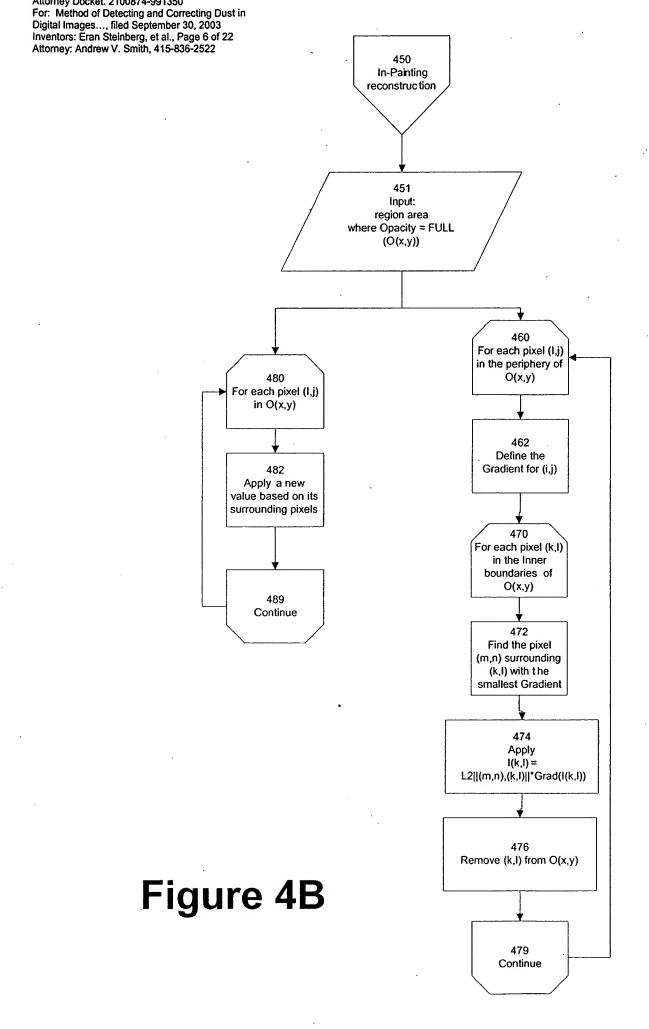
Attorney Docket: 2100874-991350
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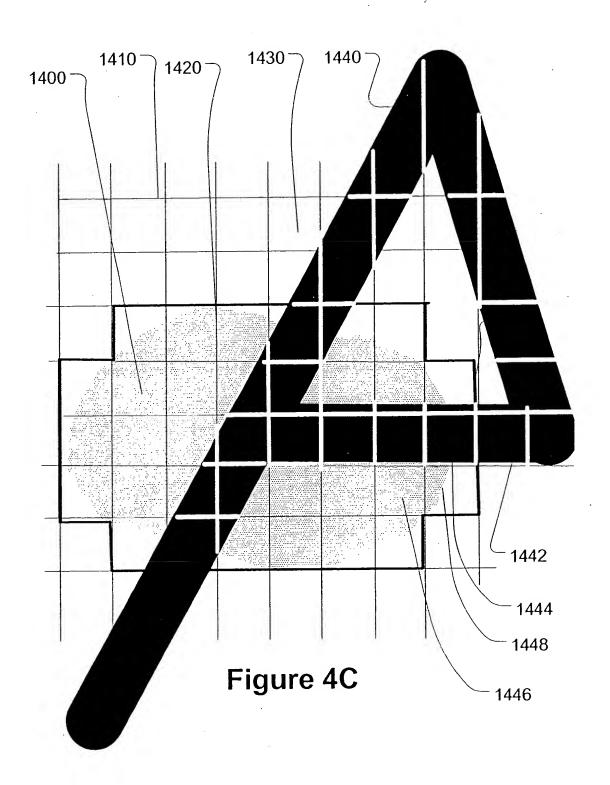
Attorney Docket. 2100874-991350 For: Method of Detecting and Correcting Dust in Digital Images..., filed September 30, 2003 Inventors: Eran Steinberg, et al., Page 5 of 22 Attorney: Andrew V. Smith, 415-836-2522 400 402 Detect and 404 Load Remove Dust Load **Dust Map** spec Image сМ 410 For Each Dust Spec in cM 500 Perform Quality 420 Control for a For Each Pixel single Pixel where OPACITY < FULL 430 432 Enhance image I'(x,y) = I(x,y)/degradation OPACTY Continue loop for each **Dust Spec** Continue 451 For region area where Opacity = FULL (O(x,y))End of aperture correction In-Painting reconstruction

500
Perform Quality
Control for a
single Pixel

Figure 4A



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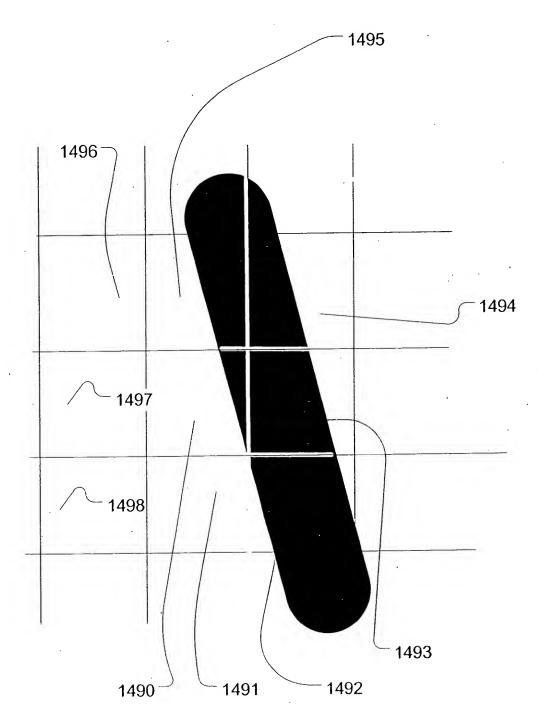


Figure 4D

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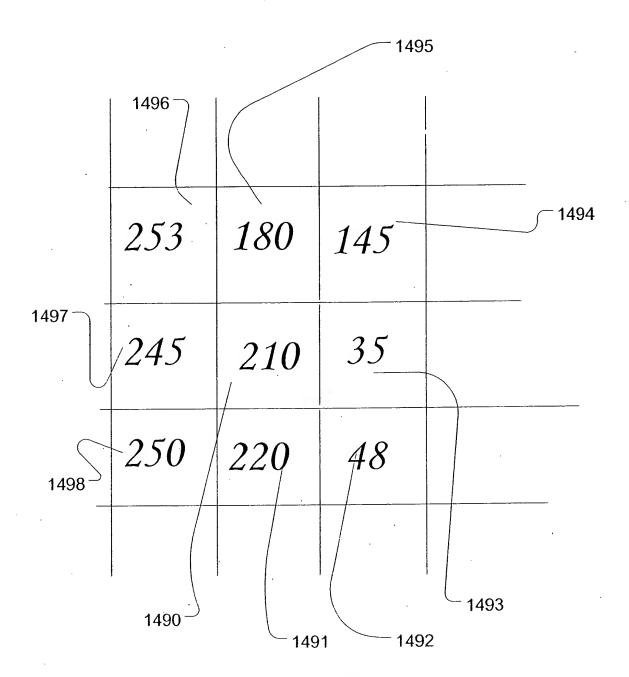


Figure 4E

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For: Method of Detecting and Correcting Dust in Digital Images..., filed September 30, 2003 Inventors: Eran Steinberg, et al., Page 10 of 22 Attorney: Andrew V. Smith, 415-836-2522

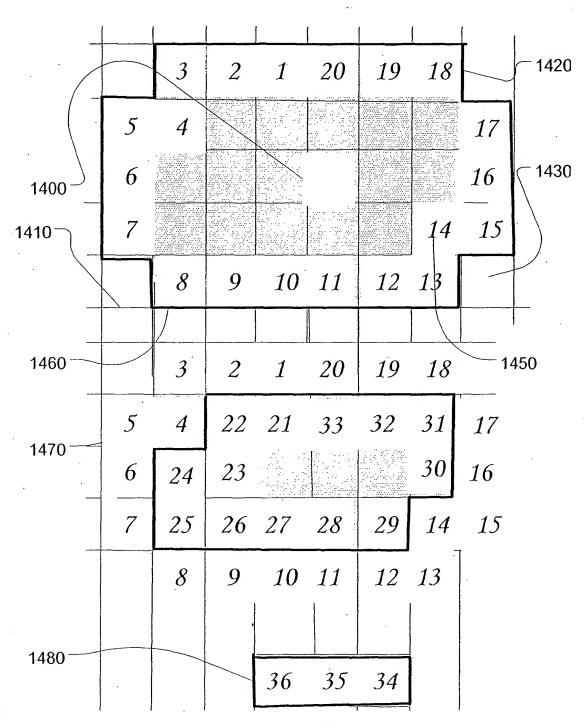


Figure 4F

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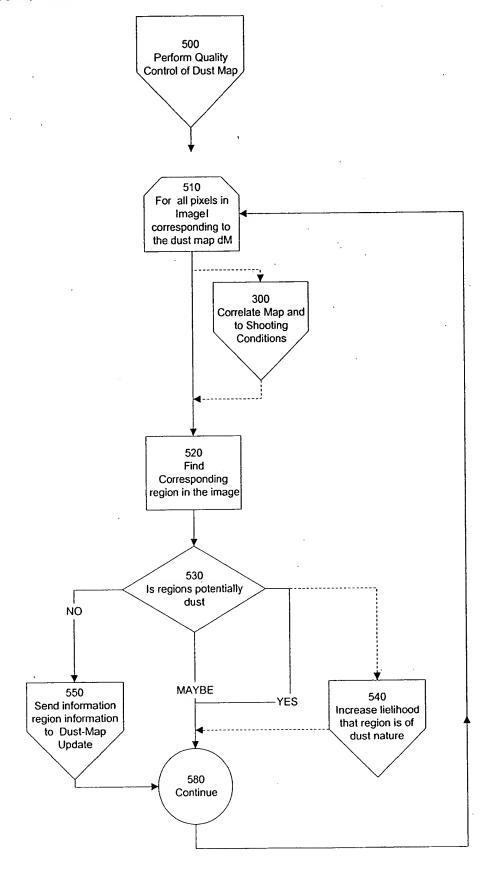
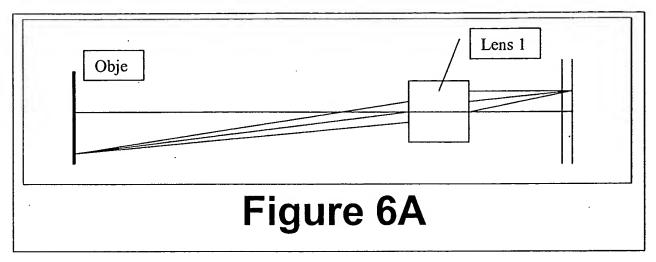
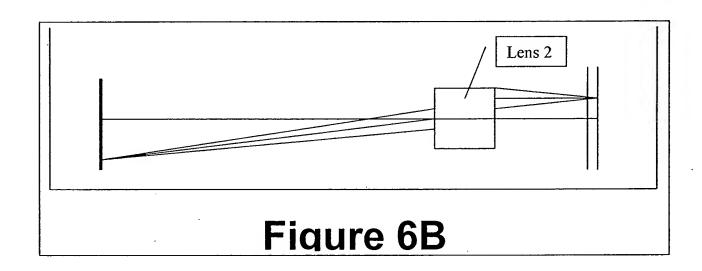
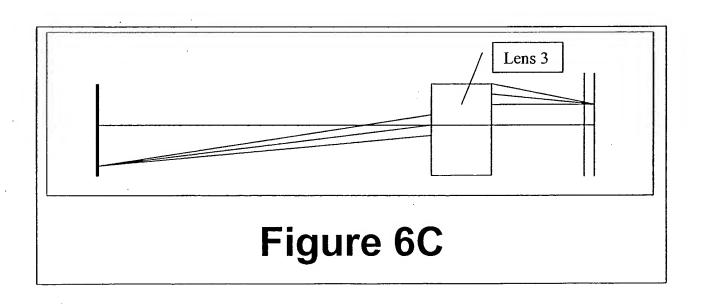


Figure 5

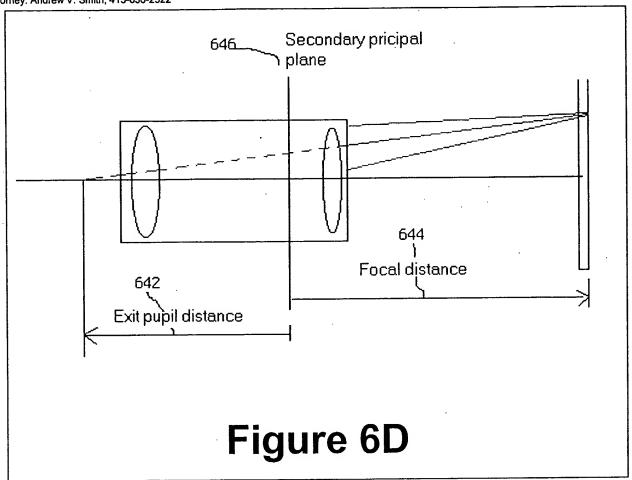
Attorney Docket: 2100874-991350
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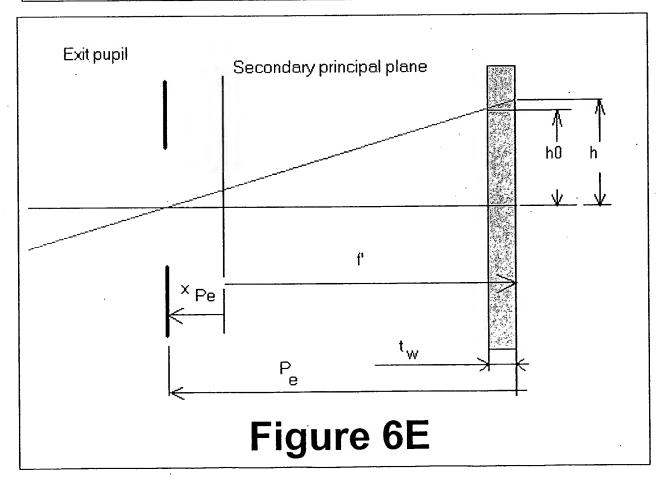




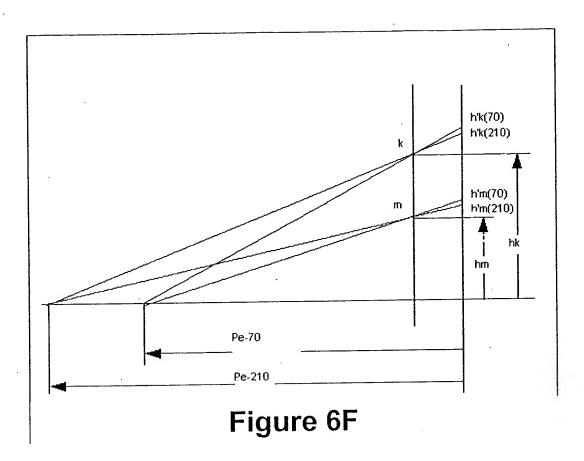


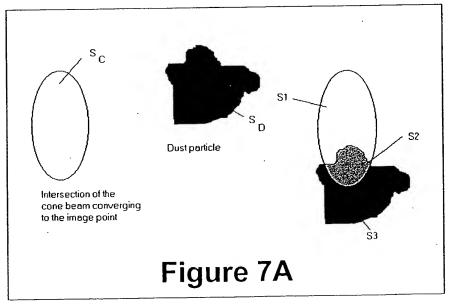
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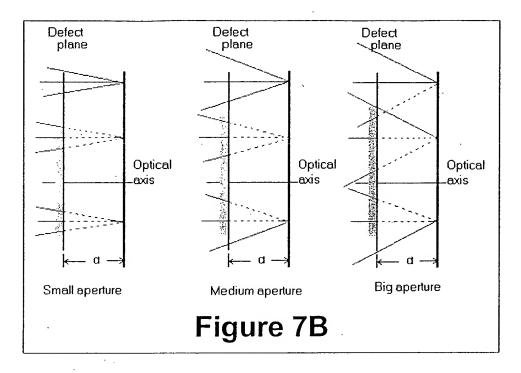


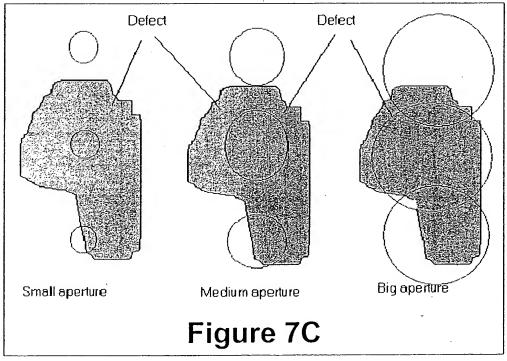
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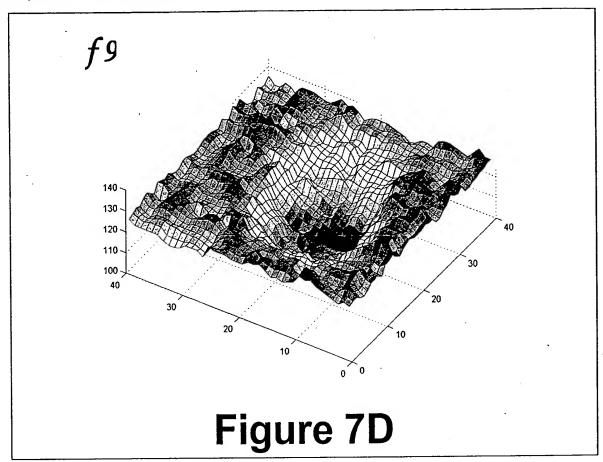


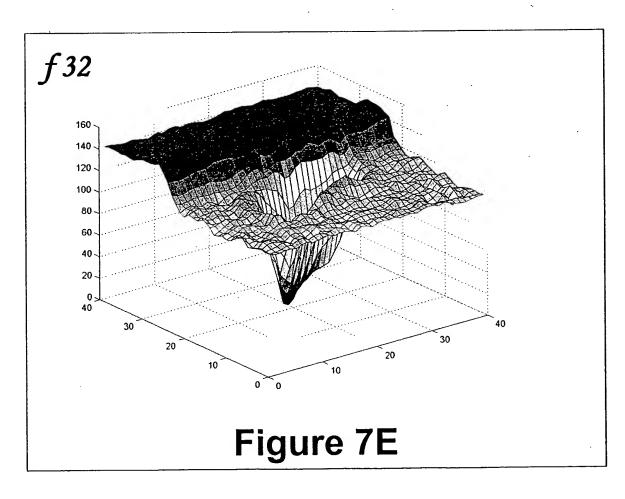
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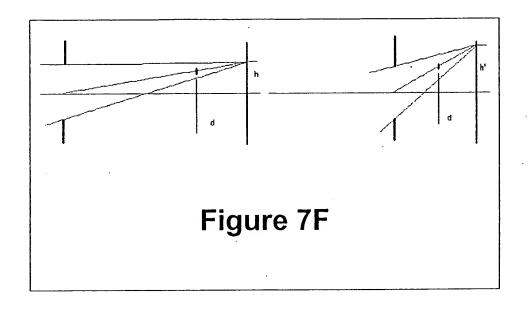


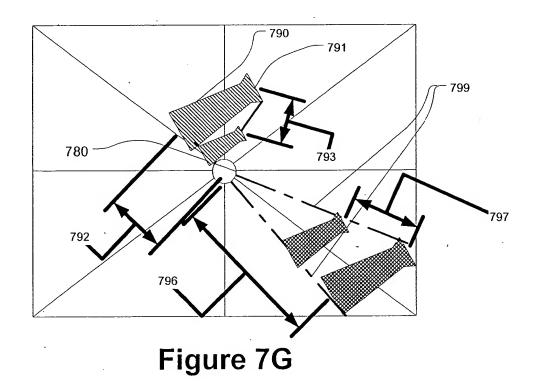
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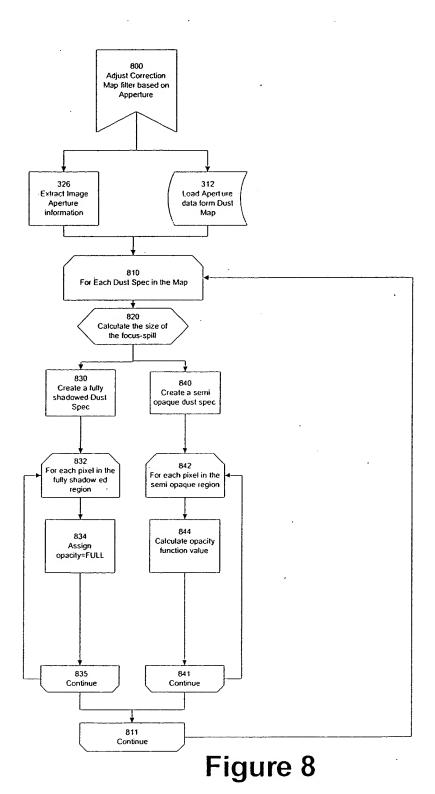


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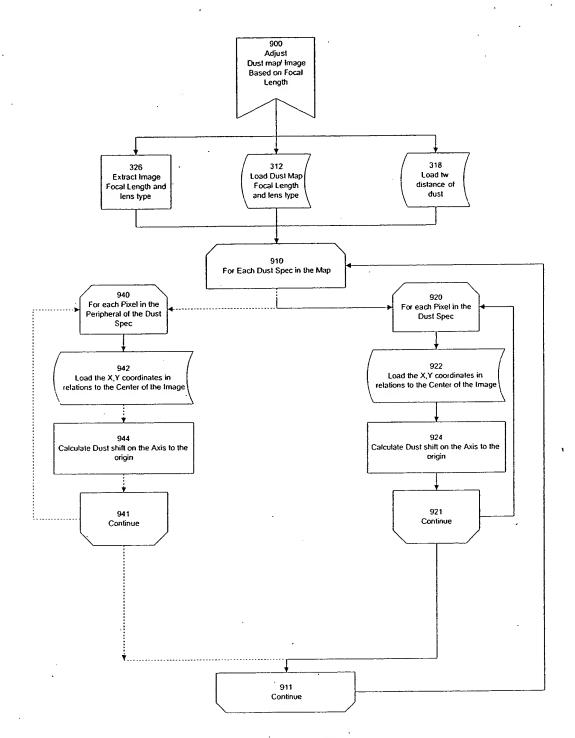


Figure 9

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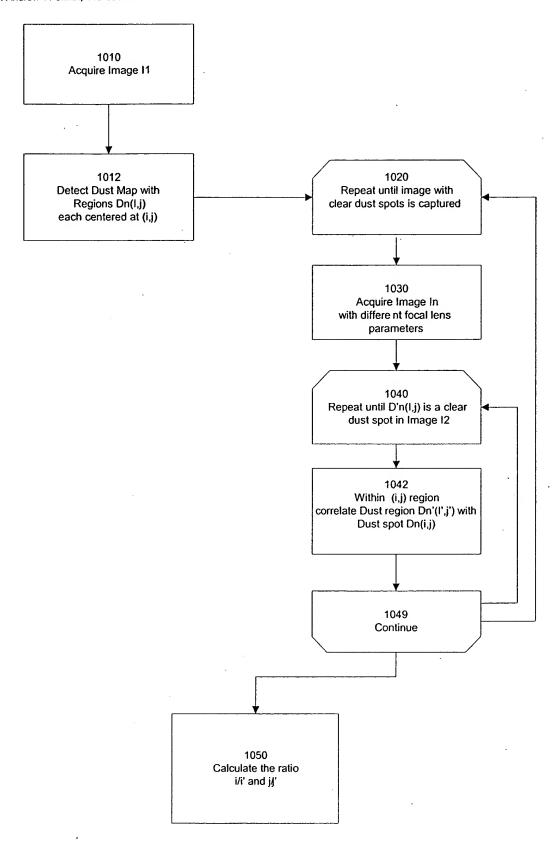
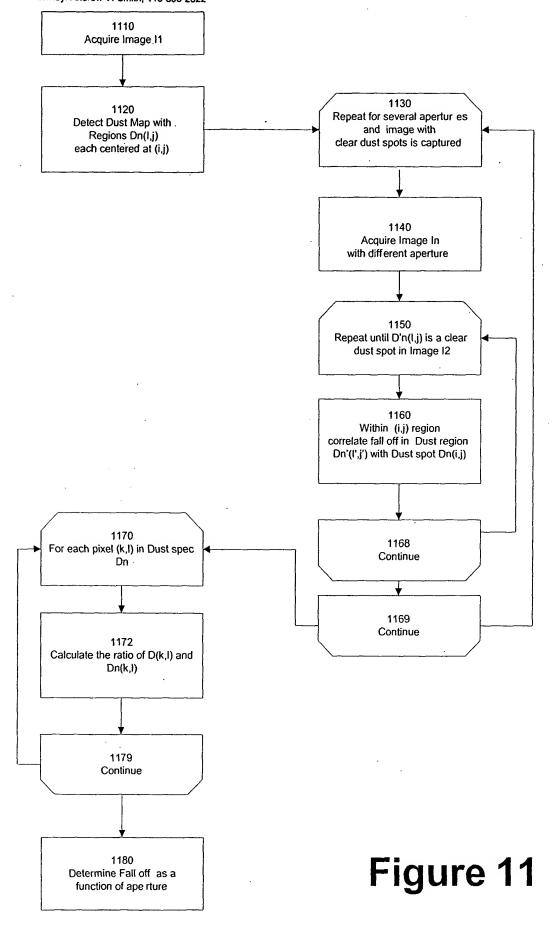


Figure 10

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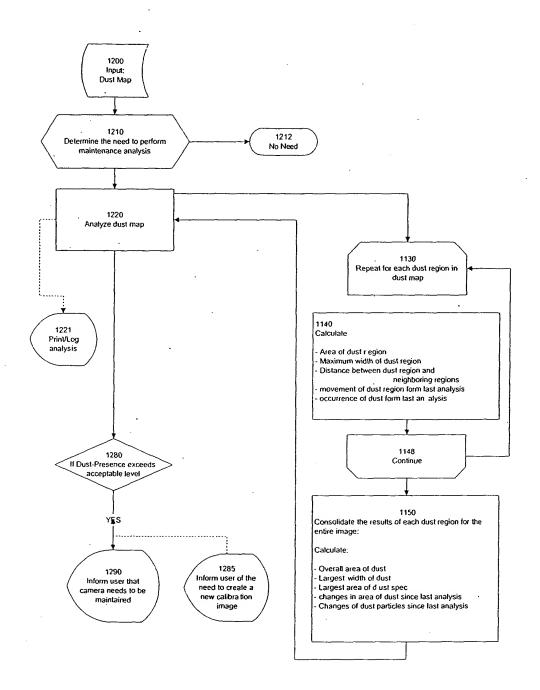


Figure 12